

Patent claims

1. Homo- and/or co-polymers of one or more ethylenically unsaturated monomers selected from at least one from the group of the mono- or poly-unsaturated olefins, vinyl acetate, styrene, α -methylstyrene, styrenes substituted at the nucleus, vinyl cyanides, maleic anhydride, N-substituted maleimides, chloroprene, C₁-C₈-alkyl acrylates and methacrylates, which contain less than 100 ppm of coarse portions having a mean particle diameter of from 200 to 500 μ m. *See p. 22, A4*

2. Homo- and/or co-polymers according to claim 1, characterised in that they contain ≤ 50 ppm of coarse portions having a mean particle diameter of from 200 to 500 μ m.

3. Homo- and/or co-polymers according to either claim 1 or claim 2, characterised in that they contain ≤ 1000 ppm of coarse portions having a mean particle diameter of from 100 to 200 μ m.

4. Homo- and/or co-polymers according to any one of claims 1 to 3, characterised in that they contain ≤ 500 ppm of coarse portions having a mean particle diameter of from 100 to 200 μ m.

5. Homo- and/or co-polymers according to any one of claims 1 to 4, characterised in that they contain $\leq 10,000$ ppm of coarse portions having a mean particle diameter of from 50 to 100 μ m.

6. Homo- and/or co-polymers according to any one of claims 1 to 5, characterised in that they contain ≤ 5000 ppm of coarse portions having a mean particle diameter of from 50 to 100 μ m.

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7. Thermoplastic moulding compositions, characterised in that they contain homo- and co-polymers according to any one of claims 1 to 6.

8. Thermoplastic moulding compositions according to claim 7, characterised in that they contain graft polymers of resin-forming vinyl polymers from a rubber.

9. Thermoplastic moulding compositions according to either claim 7 or claim 8, characterised in that they contain thermoplastic polycarbonates and/or polyester carbonates.

10. Thermoplastic moulding compositions according to any one of claims 7 to 9, characterised in that they contain polyesters.

11. Thermoplastic moulding compositions according to any one of claims 7 to 10, characterised in that they contain flameproofing agents.

12. Thermoplastic moulding compositions according to any one of claims 7 to 11, characterised in that they contain inorganic compounds.

13. Thermoplastic moulding compositions according to any one of claims 7 to 12, characterised in that they contain polyolefins.

14. Use of the homo- and/or co-polymers according to any one of claims 1 to 6 for the preparation of moulding compositions.

15. Use of the moulding compositions according to any one of claims 7 to 13 for the production of moulded bodies.

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16. Moulded bodies obtainable ~~from~~ moulding compositions according to any one of claims 7 to 13.

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